

# **Protecting Kansas Livestock with the Kansas Plan for Foreign Animal Disease Emergencies**



**Kansas Animal Health Department  
George Teagarden, Livestock Commissioner  
Sam Graham, D.V.M.**

# TIMES HAVE CHANGED

- WE LIVE IN A MORE DANGEROUS ERA
- U.S. AGRICULTURE IS MORE VULNERABLE
- THE U.S. ECONOMY IS MORE VOLATILE
- TERRORISTS ARE LOOKING FOR WAYS TO:  
CRIPPLE THE AMERICAN ECONOMY  
INSTILL FEAR  
CAUSE LOSS OF CONFIDENCE IN U.S. FOOD  
SAFETY
- AMERICAN AGRICULTURE (ITS FOOD SUPPLY)  
HAS BECOME A RELATIVELY EASY AND  
ATTRACTIVE TARGET FOR TERRORISTS

# **SO WHO IS GOING TO PROTECT THE AG INDUSTRY?**

- **ITS GOING TO BE UP TO US**
- **THERE IS A FEDERAL PLAN**
- **THERE IS A STATE PLAN**
- **EACH COUNTY IS DEVELOPING ITS OWN  
COUNTY PLAN**

# **THE COMBINED PLANS:**

- IDENTIFY AGENCIES & PERSONNEL**
- IDENTIFY RESOURCES**
- ASSIGN RESPONSIBILITIES**
- ESTABLISH A CHAIN OF  
COMMAND**

# AGENCIES & PERSONNEL

KAHD & USDA

COUNTY EMERGENCY MANAGER

KDHE AREA VETERINARIANS

KBI

LAW ENFORCEMENT

FBI

LIVESTOCK PRODUCERS

FARM SERVICE AGENCY

ELECTED COUNTY OFFICIALS

COUNTY AGENTS

SHERIFF / CITY POLICE CITY/COUNTY FIRE DEPARTMENT/EMS

FEEDLOT PERSONNEL

PACKING PLANT PERSONNEL

AREA VETERINARIANS

NAT'L. GUARD (IF IN COUNTY)

PUBLIC INFORMATION TEAM

AREA KDOT

WILDLIFE & PARKS

PUBLIC HEALTH

LIVESTOCK MARKET PEOPLE

LENDERS

ELECTRONICS (COMPUTERS/COMMUNICATIONS)

METEOROLOGISTS

CITY/COUNTY PUBLIC WORKS

COUNTY ATTORNEY

TRUCKERS (KS MOTOR CARRIERS)

COOP/FARM SUPPLY

GIS PEOPLE

PUBLIC WORKS

AND OTHERS

# **IDENTIFYING RESOURCES**

- BURIAL EQUIPMENT**
- TRANSPORTATION EQUIPMENT**
- CLEANING AND DISINFECTING EQUIPMENT**
- EQUIPMENT TO SUPPORT THE QUARANTINE**

# CHAIN OF COMMAND

**Incident  
Commander**

**Safety Officer**

**Information  
Officer**

**Liaison Officer**

**Legal Officer**

**Incident  
Command System  
is used at Federal,  
State, & County  
level**

**Finance  
Section  
Chief**

**Time  
Cost  
Procurement  
Compensation**

**Logistics  
Section  
Chief**

**Supply  
Facilities  
Ground Support  
Communications  
Food  
Medical**

**Operations  
Section  
Chief**

**Appraisal  
Diagnosis & Insp  
Clean & Disinfect  
Disposal  
Regulatory Enf.  
Security & Disease  
Surveillance  
Vaccination  
Vector Control**

**Planning  
Section  
Chief**

**Animal Welfare  
Database Systems  
Disease Reporting  
Disease Specialist  
Economics  
Environmental Impact  
Epidemiology  
Training  
Risk Assessment  
Vaccine Evaluation  
Wildlife Vector Control**

# **DISEASE THREATS**

- **FOOT AND MOUTH DISEASE (FMD)**
- **BSE**
- **RINDERPEST**
- **CLASSICAL SWINE FEVER**



# **THE FIRST 24 HOURS: STATE RESPONSIBILITIES**

- BY ORDER OF THE LIVESTOCK COMMISSIONER**
  - CLOSE STATE BORDERS**
  - STOP MOVEMENT ORDER**
  - CLOSE LIVESTOCK MARKETS AND  
SLAUGHTER PLANTS**

# **THE FIRST 24 HOURS:**

## **THE COUNTY'S ROLE (LIMITED STATE/FEDERAL HELP)**

### **•THE COUNTY'S RESPONSIBILITY:**

- ESTABLISH QUARANTINE AREA AROUND  
INFECTED PREMISES & EXPOSED ZONE, IN  
COOPERATION WITH KAHD**
- PREPARE FOR “STOP MOVEMENT” ORDER OF  
ALL LIVESTOCK IN-TRANSIT--ENFORCED BY  
LOCAL AND STATE LAW ENFORCEMENT**
- SET UP CLEANING AND DISINFECTING**
- EUTHANASIA & BURIAL**
- PUBLIC HEALTH CONCERNS**

# KANSAS OPERATES AT 4 LEVELS

**LEVEL 1: (Normal Operations)** The situation is monitored by KEM around the clock

**LEVEL 2: (Watch)** An observation phase when a suspicious animal disease is being investigated by Kansas Animal Health Dep't.

**LEVEL 3: (Partial Activation)** A warning phase where lab results have confirmed a FAD diagnosis outside Kansas and/'or a “highly likely” investigation is happening in Kansas. All primary, or lead ESF's will be notified to be on alert status.

**LEVEL 4: (Full Activation)** Follows laboratory confirmation of a FAD in Kansas. Kansas Emergency Plan for Foreign Animal Disease goes into effect. All primary & support agencies under the Kansas Emergency Plan will be activated. The Kansas EOC will be activated. County will be first responders, until State & Federal Agencies can become mobilized.

# **HOW WILL WE KNOW THAT WE HAVE A FOREIGN ANIMAL DISEASE?**

- LIVESTOCK PRODUCER MAY NOTICE THESE SYMPTOMS  
AND CALL VETERINARIAN TO EXAMINE LIVESTOCK:**
  - ANY VESICULAR DISEASE**
  - UNUSUALLY HIGH PREVALENCE / RAPID SPREAD**
  - UNUSUALLY HIGH DEATH LOSS**
  - NEUROLOGICAL PROBLEMS**
- THE EXAMING VETERINARIAN REPORTS UNUSUAL CASE  
TO KAHD AND/OR USDA**
- FOREIGN ANIMAL DISEASE DIAGNOSTICIAN (FADD) IS  
SENT TO THE SITE WITHIN  
4 HOURS**

# WHAT WILL HAPPEN THEN?

- **KANSAS LIVESTOCK COMMISSIONER WILL BE INFORMED OF THE INVESTIGATION**
- **IF CONSIDERED “HIGHLY LIKELY” TO BE A FAD:**
  - Samples collected will be flown to Plum Island laboratories by KHP for diagnosis (definitive diagnosis within 24 hours)
  - Verbal Quarantine of infected premises will be issued by FAD Diagnostician
  - IF Foot and Mouth Disease is confirmed, it will become a Law Enforcement event, involving local law, KBI, and FBI (Stopping livestock movement, collecting evidence, etc.)
  - Livestock, equipment, feed and people will all be affected
  - If Foot and Mouth Disease is confirmed; County, State, and Federal Agencies and other entities will all become involved in response and recovery operations

# **CONFIRMATION OF FOOT AND MOUTH DISEASE**

## **•BY ORDER OF THE KANSAS LIVESTOCK COMMISSIONER:**

- STATE BORDERS CLOSED**
- STOP ALL LIVESTOCK MOVEMENT**
- LIVESTOCK MARKETS CLOSED, SLAUGHTER PLANTS RESTRICTED,  
FEEDYARDS MAY NO LONGER RECEIVE CATTLE**
- ACTIVATE QUARANTINE AREA & RESTRICTED ZONES**
- APPRAISAL OF AFFECTED ANIMALS FOR INDEMNIFICATION**
- EUTHANASIA AND BURIAL OF ALL INFECTED OR EXPOSED  
SUSCEPTIBLE ANIMALS**
- DISPOSAL OF FEED AND OTHER CONTAMINATED AGENTS**
- CLEANING AND DISINFECTING**

# *Quarantine Area*

*Surveillance Zone*

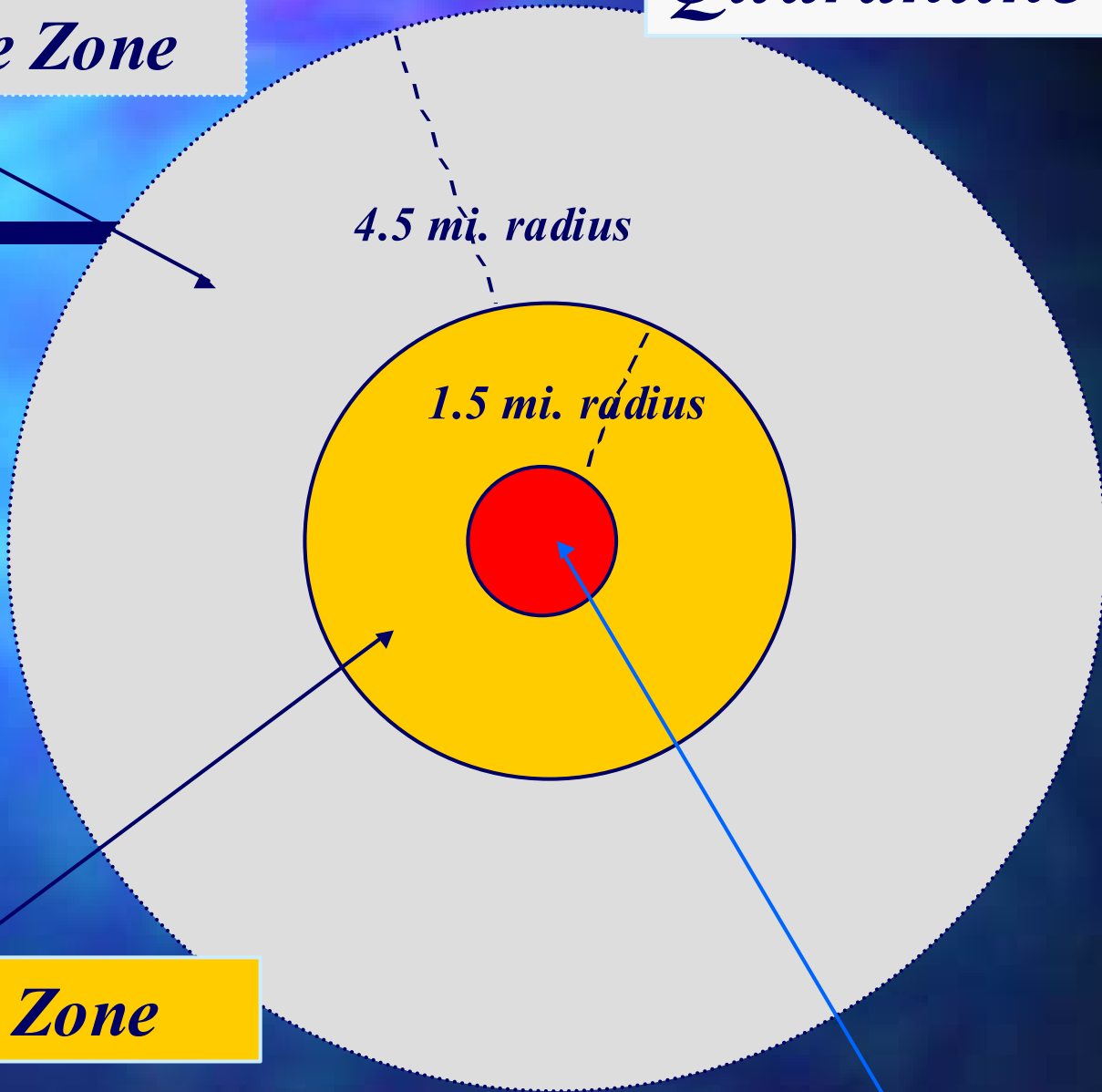
*4.5 mi. radius*

*1.5 mi. radius*

A Quarantine Area will be imposed around every outbreak discovered

*Exposed Zone*

*Infected Premises*



# THE FIRST 24 HOURS

- >QUARANTINE OF INFECTED PREMISES, EXPOSED ZONE AND SURVEILLANCE AREA. C & D SET UP
- >ACTIVATE ALL COMMITTEES, AGENCIES, SUPPORT PEOPLE, LOCAL AND STATE EOC'S
- >CLOSE KANSAS BORDERS BY ORDER OF COMMISSIONER
- >STOP MOVEMENT OF ALL LIVESTOCK (LAW ENFORCEMENT)
- >LIVESTOCK MARKETS, SLAUGHTER PLANTS CLOSED
- >COUNTY COMMITTEE IDENTIFY & STAFF FACILITIES FOR ANIMALS STOPPED IN-TRANSIT & UNLOADED FOR SURVEILLANCE: CHECKING IN--FEEDING, ETC.
- >PRODUCERS FROM COUNTY COMMITTEE TO HELP LAW ENFORCEMENT IDENTIFY LOCAL PRODUCERS (HELP WITH STOP MOVEMENT ORDER)
- >WORK WITH THE MEDIA, IN COOPERATION WITH KAHD. WE WANT THEM TO BE OUR ALLIES AND NOT OUR ENEMIES!



# **IN THE QUARANTINE AREA:**

- **FOREIGN ANIMAL DISEASE DIAGNOSTICIAN  
(FADD) WILL BE INCIDENT COMMANDER**
- **ACCESS IN & OUT OF QUARANTINE AREA  
RESTRICTED**
- **INDEMNIFICATION APPRAISALS**
- **EUTHANASIA & BURIAL TO BEGIN  
IMMEDIATELY**
- **CLEANING AND DISINFECTION TEAMS &  
STATIONS SET UP**

# **A HUGE COUNTY CONCERN**

## **•EUTHANASIA & CARCASS DISPOSAL**

**Dealing with large numbers (Feedlots, etc.)**

**Ground water, archaeological, & other concerns**

**Public perception and politics**

**Tremendous resources will be needed  
(personnel, equipment, expertise)**

# PRE-PLANNING

## • ABOUT THE QUARANTINE:

There will be a quarantine around each infected premises (if a contagious disease)---the quarantined area could become very large

How many roadblocks would be needed?

What if municipalities are included in the Quarantine areas???

What if the disease of concern is zoonotic?

Cleaning & Disinfecting: who will be doing that?

# CONSEQUENCE MANAGEMENT

- ANIMALS MUST BE FED AND WATERED
- MUNICIPALITIES MUST FUNCTION
- THERE MUST BE ACCESS TO HEALTHCARE
- UNINTERRUPTED FOOD SUPPLY
- GOOD P.R. FOR THE AG RESPONSE TO FAD
- CONTINUATION OF LAW ENFORCEMENT
- SCHOOL WILL PROBABLY BE IN SESSION
- PEOPLE WILL BE VERY WORRIED

**EVERYONE WILL BE AFFECTED!!!**

# **SOME PLAYERS WILL BE:**

## **NATIONAL GUARD**

- **PROVIDE SUPPORT TO LAW ENFORCEMENT**
  - > **ROAD BLOCK PLAN WITH KHP & SHERIFF OFFICERS**
  - > **PREMISES SECURITY AND COMMUNICATIONS**
  - > **AIR SUPPORT AND TRANSPORTATION**
- **PROVIDE SUPPORT TO ANIMAL HEALTH DEPT.**
  - > **DEPOPULATION**
  - > **QUARANTINE**
- **PROVIDE SUPPORT TO DEPARTMENT OF TRANSPORTATION & PUBLIC WORKS**
  - > **HEAVY EQUIPMENT & TRANSPORTATION**
- **CLEANING AND DISINFECTION**

# **PUBLIC WORKS**

- **ASSIST NAT'L. GUARD AND DEP'T. OF TRANSPORTATION IN EQUIPMENT MANAGEMENT**
- **BARRICADE PLACEMENT & MONITORING**
- **MOVEMENT OF LIGHT & HEAVY EQUIPMENT**
- **COORDINATION WITH PLANNING / ZONING**
- **COORDINATION WITH  
DEP'T. OF HEALTH & ENVIRONMENT**
- **SECURE PERMITS & LICENSING IF NEEDED**

# PACKERS

**ASSIST IN TRANSPORTATION COORDINATION**

**STOP PACKER MOVEMENT IN QUARANTINE**

**COORDINATE SECURITY OF STOPPED ANIMALS  
IN OTHER JURISDICTIONS**

**COORDINATE PRODUCTION SCHEDULE  
REVIEW WITH DEP'T. OF AG / USDA**

**COORDINATE FINISHED PRODUCT SHIPMENT  
SCHEDULE WITH DEP'T. OF AG / USDA**

# **LIVESTOCK AUCTIONS**

- **STOP SALES & MOVEMENT OF LIVESTOCK**
- **PROVIDE DOCUMENTATION OF RECENT  
MOVEMENT**
- **ASSESS IMPACT & POTENTIAL IMPACT TO  
AREA**
- **COORDINATE “IN-TRANSIT ANIMAL” HOUSING  
AND CARE**



# **COUNTY EXTENSION AGENTS**

- LIAISON WITH PRODUCERS**
- PRODUCER INFORMATION & EDUCATION**
- PROVIDE DATA TO VETERINARIANS FROM  
UNIVERSITY LINKS**
- SUPPORT STATE & LOCAL PUBLIC  
INFORMATION TEAMS**
- SUPPORT RE-DIRECTION OF “IN-TRANSIT”  
ANIMALS**
- SUPPORT IMPACT ASSESSMENT PROCESS**

# PUBLIC HEALTH

- **DETERMINE PUBLIC HEALTH RISK  
(ZOO NOTICS)**
- **LINK WITH  
DEP'T. OF HEALTH & ENVIRONMENT**
- **COORDINATE WITH HEALTHCARE FACILITIES  
AND PERSONNEL**
- **IMPLEMENT LOCAL HEALTH PLAN &  
COORDINATE VACCINATION PLAN,  
IF NECESSARY**
- **SUPPORT PUBLIC INFORMATION EFFORTS**
  - > **ADDRESS PUBLIC HEALTH CONCERN QUESTIONS**
- **PROVIDE COUNSELING SERVICES**

# VETERINARIANS

- **KANSAS VOLUNTEER VET CORPS:  
--FIRST LINE OF LOCAL SUPPORT TO  
KAHD AND DEP'T OF AG PERSONNEL**
- **IMPLEMENT LINK WITH LOCAL DVM  
NETWORK**
- **SUPPORT PUBLIC INFORMATION EFFORT**
- **SUPPORT STOP MOVEMENT / DIVERTED  
ANIMALS ORDER**

# PREVENTION

## INDUSTRY:

- **BE SECURITY CONSCIOUS**
- **REPORT SUSPICIOUS ACTIVITY**
- **PRACTICE GOOD BIO-SECURITY**
  - CLEANLINESS**
  - SIGN IN**
  - BARRIERS**
  - TRACE DOCUMENTATION**
- **MONITOR ANIMALS CLOSELY**
- **EDUCATE EMPLOYEES ON SIGNS & SYMPTOMS**



# **HOW THE ENTIRE AG INDUSTRY** **CAN MAKE A DIFFERENCE!**



- REPORT SUSPICIOUS  
ACTIVITY
- PARTNERSHIP WITH  
PUBLIC OFFICIALS

**PREPARE NOW AS MUCH AS  
POSSIBLE**



# **MILLION \$\$ MINUTES!**

**ECONOMIC IMPACT: \$\$ *BILLIONS!!* \$\$**

- **A local level plan coordinated with State and Federal plans will accomplish:**

**A RAPID RESPONSE**

**APPROPRIATE RESOURCE MANAGEMENT**

**A REDUCTION IN ECONOMIC IMPACT**

**BETTER PUBLIC CONFIDENCE**

**CONTAINMENT OF THE DISEASE**

**FASTER RECOVERY**



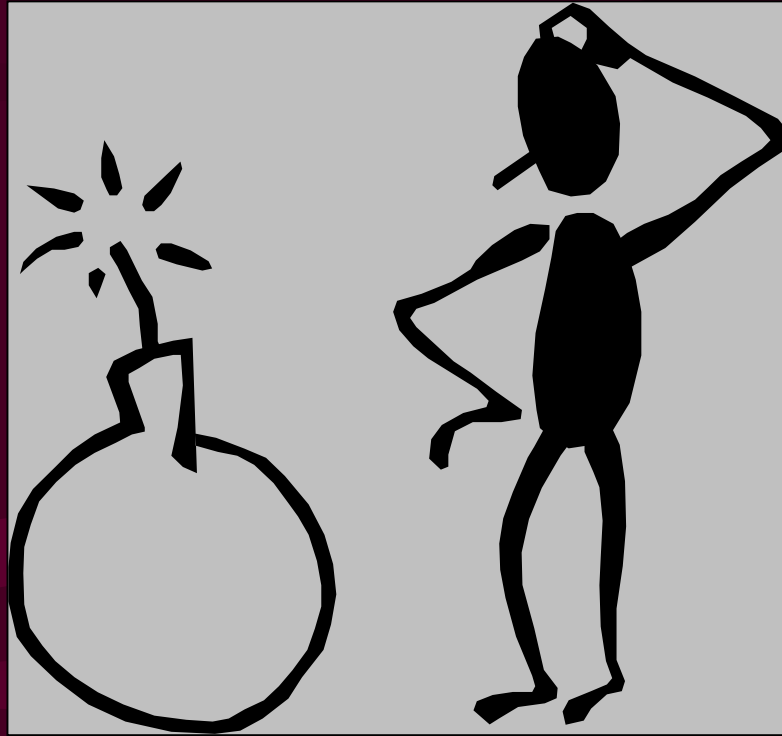


# After FMD

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**WILL YOU BE THE ONE WHO**  
**WAS NOT PREPARED?**